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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/836,271	04/18/2001	Susumu Honma	109295	5481
25944	7590	01/12/2005	EXAMINER	
OLIFF & BERRIDGE, PLC P.O. BOX 19928 ALEXANDRIA, VA 22320			GYORFI, THOMAS A	
			ART UNIT	PAPER NUMBER
			2135	

DATE MAILED: 01/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application N .

09/836,271

Applicant(s)

HONMA ET AL.

Examiner

Tom Gyorfi

Art Unit

2135

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on 13 December 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) 19 and 20 is/are canceled.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

1. Claims 1-18 remain for examination. The communication filed 12/13/04 amended claims 1-3, 6-8, and 11-13; but no new matter was added. Claims 19 and 20 were canceled.

### ***Response to Arguments***

2. Applicant's arguments, filed 12/13/04, with respect to the rejection(s) of claim(s) 1-18 under 35 USC 102(b) in view of the Omniform reference have been fully considered and are persuasive. Therefore, the rejections have been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Omniform and Access references, under 35 USC 103(a).

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over the Omniform User's Manual (hereinafter "Omniform"), and further in view of Special Edition Using Access 97 (hereinafter "Access").

Referring to Claims 1, 6 and 11:

Omniform discloses a data input form generation system comprising: data input form acceptance means for accepting input of a data input form including a table (Chapter 1, page 4, lines 3-5); table extraction means for extracting the table from the data input form accepted by the data input form acceptance means (Chapter 7, page 2, lines 1-5); database defining means for defining a database based on the table extracted by the table extraction means (Chapter 6, page 7, lines 8-10; Chapter 7, page 2, lines 1-5); and data input form generation means for generating a database-related data input form related with the database by relating the table included in the data input form accepted by the data input form acceptance means with the database defined by the database defining means (Chapter 6, page 2, lines 6-9).

Omniform does not explicitly disclose that the database defining means use a portion of data included in the extracted table as a field name of the database, nor that when data is inputted into the database-related data input form, the inputted data is inputted to each corresponding field of the database. However, Access teaches that it is possible to use a portion of data included in the extracted [exported] table as a field name of the database, and that inputted data can be inputted to each corresponding field of the database (page 2, lines 1-2 and Figure 17.31). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Omniform to use a portion of the data as the field names [headers] for the database and to input subsequent data in the corresponding fields in the database. The

motivation for this would be to improve the user experience by automating a task that simplifies future searches of the data (Omniform, Chapter 7, page 8, line 1).

Referring to Claims 2, 7, and 12:

Omniform and Access disclose the limitations as discussed in Claims 1, 6 and 11 above. Omniform further discloses the portion of data is data included in a first-row cell of the table extracted by the table extraction means (Chapter 6, page 7, lines 8-10).

Referring to Claims 3, 8 and 13:

Omniform and Access disclose the limitations as discussed in Claims 1, 6 and 11 above. Omniform further discloses the portion of data is data included in a first-column cell of the table extracted by the table extraction means (Omniform: Chapter 6, page 7, lines 8-10; Chapter 5, page 43, lines 16-20; Access: Chapter 17, page 2, lines 1-2, and Figure 17.31).

Referring to Claims 4, 9 and 14:

Omniform and Access disclose the limitations as discussed in Claims 1, 6 and 11 above. Omniform further discloses the data input form acceptance means accepts input of the data input form configured as electronic document data (Chapter 4, page 6, lines 1-10).

Referring to Claims 5, 10, and 15:

Omniform and Access disclose the limitations as discussed in Claims 1, 6 and 11 above. Omniform further discloses the data input form acceptance means accepts input of the data input form recorded onto a recording sheet (Chapter 1, page 3, lines 1-3).

Referring to Claim 16, 17 and 18:

Omniform and Access disclose the limitations as discussed in Claims 1, 6 and 11 above. Omniform further discloses when data is inputted into the database-related data input form, the inputted data is inputted to each corresponding field of the database at a substantially same time (Chapter 7, at 3-5).

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tom Gyorfi whose telephone number is (571) 272-3849.

The examiner can normally be reached on 8:00am - 4:30pm Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TAG  
1/6/05

  
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SUPERVISORY PATENT EXAMINER  
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